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Traditional medicinal knowledge about Haplothrips ramakrishnae K. (Thysanoptera: Phloeothripidae) feeding on Guldaudi (Chrysanthemum indicum L.) in Chhattisgarh, India. Updated Version.

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Traditional medicinal knowledge about *Haplothrips ramakrishnae* K. (Thysanoptera: Phloeothripidae) feeding on Guldaudi (*Chrysanthemum indicum* L.) in Chhattisgarh, India. Updated Version.

Pankaj Oudhia

Introduction

Entomophagy and Entomotherapy are well known in Asia since generations. Unfortunately not much work has been done to document valuable Traditional Medicinal Knowledge about Insects. Pankaj Oudhia is documenting this knowledge since year 1990. The present note "Traditional medicinal knowledge about *Haplothrips ramakrishnae* K. (Thysanoptera: Phloeothripidae) feeding on Guldaudi (*Chrysanthemum indicum* L.) in Chhattisgarh, India." is updated version of his previously published online research document available through pankajoudhia.com.

Keywords: Entomophagy; Entomotherapy; Medicinal Insects; Ayurveda; Chhattisgarh;

Guldaudi (Chrysanthemum indicum) is a native to China and Japan. It is cultivated as an ornamental in many parts of India. In Chhattisgarh, the natives plant it in home gardens. The traditional healers are not much aware of its medicinal properties and uses. Its all parts are used as folk medicine. Many insect species attack on Guldaudi. The infestation of *Haplothrips ramakrishnae* is common in Chhattisgarh Plains. It damages the flowers. The traditional healers and senior natives are aware of its medicinal uses. According to them, they are using this insect as medicine since generations. Through the Ethno-entomological surveys conducted in different parts of Chhattisgarh, in recent past, I have collected valuable information on this insect. The senior natives use the full fed insect as veterinary medicine. In form of aqueous paste it is applied on wounds to destroy the worms. During rainy season in order to protect the cattle from infectious diseases, the cattle owners wash them, with the help of herbal decoction. In the decoction, full fed insects are added in dry powder form as an important ingredient. The senior natives of Durg region use the insect powder in treatment of Foot and Mouth disease of cattle. As the information regarding these traditional medicinal uses is spreading through popular articles in local language, now the cattle owners of other parts of Chhattisgarh have started its use. Its popularity among them clearly indicates its efficacy. The herb collectors and herb vendors of Gandai-Salewara region collect the insect and in powder form, sell it to many traditional healers of Chhattisgarh and other states where Guldaudi and Haplothrips both are not common. Through interactions with them I got valuable information. According to them, the traditional healers specialized in treatment of different types of cancer, purchase the insect powder in bulk and add it in herbal formulations. When I tried to interact with many of these healers, they confirmed the information regarding its role in promising herbal formulations but refused to disclose the formulations. I think, this initial information is enough at this stage. The traditional healers do not use any part of Guldaudi for this purpose. Through the on-going Ethno-entomological surveys I am trying my best to gather more information on this aspect. The traditional healers and senior natives are not aware of its other traditional medicinal uses.

In reference literatures, Haplothrips ramakrishnae feeding on Guldaudi is not mentioned as medicinal insect. This research article is the first written document on this important aspect.

New Comments added on June, 2014

Through recent surveys I have collected information about over 3000 Formulations in which Haplothrips collected from Guldaudi is added as important ingredient. Many of these Formulations are used in treatment of different types of cancer. In Prunus, Psidium and Pterocarpus based Formulations it is added as quaternary ingredient. In Neptunia, Pithecellobium and Eclipta based Formulations it is added as quinary ingredient. In Albizia, Senna and Saraca based Formulations it is added as tertiary ingredient. In these Formulations Trombidium is also added. In Echinops, Solanum and Lannea based Formulations it is added as senary ingredient with Medicinal Orchids. In Zornia, Vicia and Uraria based Formulations it is added as septenary ingredient whereas in Tephrosia, Smithia and Sophora based Formulations it is added as Octonary ingredient. In Ougeinia and Diospyros based Formulationsfor Datura Toxicity it is added as nonary ingredient. In Azadirachta, Blumea, Celosia, Tribulus, Xanthium and Tridax based Formulationsfor Panicum Excess it is added as denary ingredient. For information on complete Formulations and Dosage please visit pankajoudhia.com

Thank you very much for reading the article.

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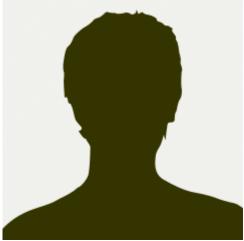
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